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CLAIMS

1.- A device (1) for forming contraction joints in concrete works including a plurality of alternating members on either side of the superficial crack line situated on the upper side of the concrete surface, characterized in that said members are constituted of trays (3, 3'; 12, 12') of a concrete divider material, and in that the device (1) comprises a plurality of trays (3, 3'; 12, 12') assembled on stiff linear members (7, 9, 11), leaving gaps (16) between them.

10 2.- A device (1) for forming contraction joints in concrete works according to claim 1, characterized in that said trays (12, 12') include at least one flat area (21) in their central portion, tilted at an angle comprised between 1 and 15° with regard to the upper side of the concrete surface.

15 3.- A device (1) for forming contraction joints in concrete works according to claim 2, characterized in that the trays (12, 12') are configured by pairs of semi-trays (14, 15) with a broken surface form with their upper portion (17) and lower portion (19) tilted at an angle comprised between 40 and 80° with regard to the plane of the ground.

25 4.- A device (1) for forming contraction joints in concrete works according to claims 2 or 3, characterized in that it also comprises supports (30, 31) for the trays (12, 12') with at least two orifices (35, 37) at their base for allowing the passage of the stiff linear members (7, 9) through them.

30 5.- A device (1) for forming contraction joints in concrete works according to claims 2 or 3, characterized in that the trays (12, 12') have a conduit (25) at least at their lower edge for allowing the passage of the stiff linear members (7, 9) therethrough.

6.- A device (1) for forming contraction joints in concrete works according to claim 3, characterized in that the upper portion (17) and lower portion (19) of the trays (12, 12') include a plurality of openings (22) regularly arranged therein.

35 7.- A device (1) for forming contraction joints in concrete works according to claims 2 or 3, characterized in that it also includes a waterproofing joint (40) arranged along the device.

8.- A device (1) for forming contraction joints in concrete works according to claim 7, characterized in that the upper portion (27) of the trays (12, 12') is configured so that the lower portion of the waterproofing joint (40) can be fixed  
5 therein.